

# **ABSTRACT**

## **PURPOSE:**

The aim of the study was to examine the predictive validity of the PUSH score in monitoring the wound healing in patients with leg ulcers.

## **DESIGN:**

45 patients who presented with leg ulcers of Wagner grade less than or equal to 3 were examined and total PUSH score calculated once every week for 4 weeks. The change in total PUSH score for each patient over a period of 4 weeks were noted and compared between healing and non-healing ulcers.

## **RESULTS:**

PUSH scores were modeled using a piecewise linear regression. PUSH values were found to be decreased significantly ( $p < .0001$ ) in healing ulcers. Conversely, in non-healing ulcers, there was little or no change in PUSH values which were clinically correlated.

## **CONCLUSION:**

Our findings indicate that PUSH score declines significantly in healing ulcers and have a converse relationship in case of non-healing ulcers. Hence PUSH score can

be used as an effective tool in predicting the nature of wound healing in patients with leg ulcers.

**KEYWORDS:**

PUSH score; Wound healing; Leg ulcers; Healing; Non-healing; Effective tool